

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050276303").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/20 10:41
S8	0	S5 and S3	US-PGPUB; USPAT	AND	ON	2006/04/20 10:58
S5	0	S4 and S3	US-PGPUB; USPAT	AND	ON	2006/04/20 10:58
S4	64	cavity and laser and gain and (mirror\$1 or reflect\$4) and (etalon near3 filter) and polariz\$4 and (quarter near3 (wave or plate))	US-PGPUB; USPAT	AND	ON	2006/04/20 10:58
S3	111	(HUANG near3 RONG).in.	US-PGPUB; USPAT	AND	ON	2006/04/20 10:58
S6	219	cavity and laser and gain and (mirror\$1 or reflect\$4) and (etalon and filter) and polariz\$4 and (quarter near3 (wave or plate))	US-PGPUB; USPAT	AND	ON	2006/04/20 11:08
S10	26	cavity and laser and gain and (mirror\$1 or reflect\$4) and (etalon near3 filter) and polariz\$4 and (quarter near3 (wave or plate)) and (phase near4 adjust\$5)	US-PGPUB; USPAT	AND	ON	2006/04/20 11:09
S9	42	cavity and laser and gain and (mirror\$1 or reflect\$4) and (etalon and filter) and polariz\$4 and (quarter near3 (wave or plate)) and (phase near4 adjust\$5)	US-PGPUB; USPAT	AND	ON	2006/04/20 14:32
S12	42	cavity and laser and gain and (mirror\$1 or reflect\$4) and (etalon and filter) and polariz\$4 and (quarter near3 (wave or plate)) and (phase near4 adjust\$5)	US-PGPUB; USPAT	AND	ON	2006/04/20 14:39
S11	49	gain and (mirror\$1 or reflect\$4) and (etalon and filter) and polariz\$4 and (quarter near3 (wave or plate)) and (phase near4 adjust\$5)	US-PGPUB; USPAT	AND	ON	2006/04/20 14:39
S13	7	S11 not S12	US-PGPUB; USPAT	AND	ON	2006/04/20 14:40
S15	7	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (quarter near3 (waveplate or plate or wave)) and filter	USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/20 14:45
S17	14	((("5506860") or ("5933439") or ("6243170") or ("6359693") or ("6141360") or ("6295306") or ("6339609") or ("6504856") or ("6526071") or ("4896325") or ("5949801") or ("5121399") or ("5699378") or ("5666225"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/20 15:27
S16	1	("20040071181").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/20 15:27
S19	8	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (waveplate) and (filter near7 etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 15:30
S18	7	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (waveplate) and (filter near2 etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 15:30
S20	8	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (waveplate) and (filter\$3 near7 etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 15:32
S21	4	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and ((retro near3 reflect\$3) with etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 15:51
S23	4	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 15:52
S25	53	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (quarter near3 (waveplate or plate or wave)) and filter and etalon	US-PGPUB; USPAT	AND	ON	2006/04/20 15:53
S14	218	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (quarter near3 (waveplate or plate or wave)) and filter	US-PGPUB; USPAT	AND	ON	2006/04/20 15:53
S27	20	S25 not S26	US-PGPUB; USPAT	AND	ON	2006/04/20 15:54
S26	33	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (quarter near3 (waveplate or plate or wave)) and (filter\$3 with etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 15:54

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S28	46	laser and (((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 16:00
S22	4	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 16:00
S29	31	laser and (((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) and cavity	US-PGPUB; USPAT	AND	ON	2006/04/20 16:01
S31	0	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and waveplate and filter and (((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon)	USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/20 16:55
S24	4	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (quarter near3 (waveplate or plate or wave)) and filter and (((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 16:55
S30	4	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and waveplate and filter and (((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 16:57
S33	1	("6717965").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/20 17:02
S2	13	((("4589115") or ("4677630") or ("5097476") or ("5150370") or ("5331651") or ("5333216") or ("5386426") or ("5392308") or ("5452312") or ("5493575") or ("5559816") or ("5793784") or ("6568105")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/20 17:02
S32	4	gain and (mirror\$1 or reflect\$4) and (phase near5 adjust\$4) and (polariz\$4) and (waveplate or wave-plate) and filter and (((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 18:02
S34	47	(((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon)	US-PGPUB; USPAT	AND	ON	2006/04/20 18:03
S35	46	(((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon) and laser	US-PGPUB; USPAT	AND	ON	2006/04/20 18:35
S36	46	(((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon) and laser and (mirror\$ or reflect\$4)	US-PGPUB; USPAT	AND	ON	2006/04/20 18:43
S37	19	(((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon) and laser and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate)	US-PGPUB; USPAT	AND	ON	2006/04/20 18:51
S39	284	(external near4 cavity near3 laser) and (phase near3 (adjust\$5 or tun\$5 or fix\$4 or regulat\$4))	US-PGPUB; USPAT	AND	ON	2006/04/20 18:55
S40	49	((("4346999") or ("4794345") or ("4943782") or ("5018151") or ("4936660") or ("5305088") or ("5268787") or ("5001716") or ("5289479") or ("5424829") or ("5640406") or ("3919665") or ("4265539") or ("4552435") or ("4902980") or ("4936642") or ("4978219") or ("4984856") or ("4985898") or ("4989216") or ("5012473") or ("5027359") or ("5276548") or ("5305089") or ("5530577") or ("5559816") or ("5629998") or ("5640412") or ("5675603") or ("5757562") or ("5808709") or ("5844711") or ("5986815") or ("6236476") or ("6340230") or ("6456376") or ("6510170") or ("6700915") or ("6141369") or ("4575247") or ("5627847") or ("4486095") or ("5454004") or ("5471218") or ("5592505") or ("5745511") or ("4323311") or ("4962506") or ("5002380") or ("5367588").pn.)).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/26 07:57
S38	5	(((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon) and laser and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$5 or tun\$5 or fix\$4 or regulat\$4))	US-PGPUB; USPAT	AND	ON	2006/04/26 08:35
S42	5	(((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon) and laser and (phase near3 (adjust\$5 or tun\$5 or fix\$4 or regulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 08:47

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S41	5	(((retro near3 reflect\$3) or (retro-reflect\$4)) with etalon) or R-etalon) and laser and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$5 or tun\$5 or fix\$4 or regulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 08:47
S43	2868	laser and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 08:54
S44	3746	( laser or gain) and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 08:55
S48	0	372/101.ccls. and S45	US-PGPUB; USPAT	AND	ON	2006/04/26 11:06
S47	8	372/101.ccls. and (solid near3 state) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4))	US-PGPUB; USPAT	AND	ON	2006/04/26 11:06
S46	164	372/101.ccls. and (solid near3 state)	US-PGPUB; USPAT	AND	ON	2006/04/26 11:06
S49	785	( laser or gain) and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase) and filter and etalon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 11:09
S45	174	( laser or gain) and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4)) and filter and etalon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 11:10
S51	401	( laser or gain) and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4 or compensat\$3 or optical)) and filter and etalon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 11:16
S50	206	( laser or gain) and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4 or compensat\$3)) and filter and etalon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 11:16
S52	401	(laser or gain) and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4 or compensat\$3 or optical)) and filter and etalon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 11:25
S53	120	(laser or gain) and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or plate or wave-plate) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4 or compensat\$3 or optical)) and filter and etalon and "372"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/26 16:16
S54	-25	(laser or gain) and (mirror\$ or reflect\$4) and polari\$6 and (waveplate or wave-plate) and (phase near3 (adjust\$4 or tun\$5 or fix\$4 or regulat\$4 or compensat\$3 or optical)) and filter and etalon and "372"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/27 12:33

## EAST Search History

L5	236	crystal and (waveplate or wave-plate) and "372"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/27 12:34
L6	58	(crystal with (waveplate or wave-plate)) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/04/27 12:35
L8	7	(crystal SAME (waveplate or wave-plate) SAME quarter SAME birefringent) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/04/27 12:38
L7	8	(crystal with (waveplate or wave-plate) with quarter) and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/04/27 12:38
L9	71	(crystal SAME (waveplate or wave-plate) SAME quarter SAME birefringent)	US-PGPUB; USPAT	AND	ON	2006/04/27 13:08
L10	17361	(gain with (curv\$5 or angle or arc\$3 or bend))	US-PGPUB; USPAT	AND	ON	2006/04/27 13:09
L11	2101	(gain with (curv\$5 or angle or arc\$3 or bend)) and (solid near3 state)	US-PGPUB; USPAT	AND	ON	2006/04/27 13:10
L15	646	13 and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/04/27 13:11
L14	646	13 and "372"/\$.ccls..	US-PGPUB; USPAT	AND	ON	2006/04/27 13:11
L16	126	13 and "372"/\$.ccls. and etalon and filter	US-PGPUB; USPAT	AND	ON	2006/04/27 13:13
L17	126	13 and "372"/\$.ccls. and etalon and filter	US-PGPUB; USPAT	AND	ON	2006/04/27 13:15
L13	1511	(gain with (curv\$5 or angle or arc\$3 or bend)) and (solid near3 state) and (mirror or reflect\$4)	US-PGPUB; USPAT	AND	ON	2006/04/27 13:15
L18	12	(gain with (curv\$5 or angle or arc\$3 or bend) with (solid near3 state)) and (mirror or reflect\$4) and "372"/\$.ccls. and etalon and filter	US-PGPUB; USPAT	AND	ON	2006/04/27 13:26
L19	9	(gain with (curv\$5 or angle or arc\$3 or bend) with (solid near3 state)) and ((mirror or reflect\$4) with filter) and etalon and "372"/\$.ccls.	US-PGPUB; USPAT	AND	ON	2006/04/27 13:27